1.   (Currently Amended) An octahedron puzzle arrangement comprised of a plurality of radially interlocking tetrahedral and octahedral components for permitting rotation of a plane of such components about an axis perpendicular to said plane of components, comprising:

an inner core octahedral member having eight faces;

an inner set ~~core~~ of tetrahedral members each rotationally attached to one of said faces of said octahedral core member;

a second radially outwardly disposed set of octahedral components having portions extending radially inward of and under and captured by said inner set of ~~core~~ tetrahedral members ~~member~~, said octahedral components each having two faces displayed on an outer surface of said octahedral puzzle; and

a third set of members consisting of tetrahedral and octahedral members, each of said·third set of members having at least one face displayed on said surface of said octahedral puzzle, and wherein said third set of tetrahedral and octahedral members have a portion extending radially inwardly to be captured by a portion of said components consisting only of said second set of

octahedral components without interfering with said inner set of

tetrahedral members.

2. (Currently Amended) The puzzle arrangement as recited in claim 1,

wherein said inner core octahedral member has a means for attaching a core

an inner tetrahedral component member on each of said faces thereon.

3. (Currently Amended) The puzzle arrangement as recited in claim 2,

wherein each of said inner set of core tetrahedral members have a

triangular cap for radial securement and rotational freedom of an

adjacent edge octahedral member members.

4. (Currently Amended) The puzzle arrangement as recited in claim 3,

wherein said edge octahedral members are radially secured and are

permitted rotational freedom by said core inner set of tetrahedral

members.

5. (Currently Amended) The puzzle arrangement as recited in claim 4, wherein said edge octahedral members each have an undercut portion spaced radially outwardly from said ~~core~~ <u>inner set of</u> tetrahedral members for radial securement of an adjacent surface tetrahedral member and ~~surface~~ <u>an adjacent vertex</u> octahedral member.

6. (Currently Amended) The puzzle arrangement as recited in claim 5, wherein said surface tetrahedral members are radially secured to said puzzle arrangement by an arrangement of feet thereon extending radially inwardly of said edge octahedral <u>members</u>.

7. (Currently Amended)) The puzzle arrangement as recited in claim 6, wherein [[a]] <u>an arrangement of</u> vertex octahedral <u>members are</u> ~~member~~ ~~is~~ radially secured to said puzzle arrangement   by an arrangement of feet thereon extending radially inwardly of ~~said   surface tetrahedral~~ ~~and~~ said ~~surface~~ <u>edge</u> octahedral members.

8. (Currently Amended) The puzzle arrangement as recited in claim 1, wherein said inner core octahedral member is an eight armed spider <u>member</u>.

9. (Currently Amended) The puzzle arrangement as recited in claim 8, wherein said ~~core~~ <u>inner set of</u> tetrahedral members each consist of an extension to an arm of said eight armed spider member.

10 - 18 (Cancelled).

On page 9, please amend the last 5 lines thereof as follows:

---In the present invention, the inner <u>set of</u> ~~core~~ tetrahedral components engage only the outer edge octahedral components. These in turn engage the radially adjacent outer tetrahedral and vertex components, as opposed to the prior art Hewlett, Jr. reference 4,451,039, wherein the inner core tetrahedral ~~tetrahedral~~ components engage all of the radially outer components. In the ---

On page 18, please amend the top 5 lines thereof as follows;

---shown in figures 6 and 10. The square shaped curvilinear foot 86 has curvilinear edges 90 which also slide radially under the outermost retaining edges 52 of the octahedral outer edge member ~~32~~ <u>46</u> as any part of the face 22 of the octahedron puzzle 20 is rotated about its respective rotational axis "A" going through its respective hub/bore 30 at the core octahedral member 26. ---